PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4520567

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE

CONVEYING PARTY DATA

Name	Execution Date
ALLEGHENY-SINGER RESEARCH INSTITUTE	07/24/2017

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14820029

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Total Attachments: 1

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PATENT 504473865 REEL: 043338 FRAME: 0198

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Sign and submit the executed document to the appropriate funding agency (e.g. upload in iEdison). Invention Title: CELL-BOUND COMPLEMENT ACTIVATION PRODUCTS AS DIAGNOSTIC BIOMARKERS FOR PRE-LUPUS Inventor(s): Joseph Ahearn, Liu Chau-Ching, Manzi Susan U.S. Filing/Issue Date: 08/06/2015 Patent or Application Serial No.: 14/820,029 Grant/Contract Number(s): R01 AI077591, R01 AR046588, W81XWH-09-1-0275 Foreign Applications filed/intended in (countries): JAPAN, EUR PATENT OFC, BRAZIL, CHINA, RUSSIA The invention identified above is a Subject Invention under 35 U.S.C. 200, et seq., and the Standard Patent Rights clause at 37 CFR 401.14, FAR 52.227-11 or FAR 52.227-12 (if applicable) which are included among the terms of the above identified grant or contract award from the United States Government. This document is confirmatory of: 1. The nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the invention described in any patent application and in any and all divisions, continuations, and continuations in part, and in any and all patents and re-issues granted thereon throughout the world; and 2. All other rights acquired by the Government by reason of the above identified grant/contract award and the laws and regulations that are applicable to the award. The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this 7 day of 7,20 17

By ISTHE STALCH

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RECORDED: 07/26/2017